

SEPARATOR FOR BATTERY AND MANUFACTURE THEREOF**Publication number:** JP1248460**Publication date:** 1989-10-04**Inventor:** IWAKI TSUTOMU; GAMO KOJI; MORIWAKI YOSHIO;
SHINTANI AKIYOSHI**Applicant:** MATSUSHITA ELECTRIC IND CO LTD**Classification:****- International:** *H01M2/16; H01M2/16; (IPC1-7): H01M2/16***- european:** H01M2/16B3**Application number:** JP19880076705 19880330**Priority number(s):** JP19880076705 19880330

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Abstract of JP1248460

PURPOSE: To increase quick-charging performance and life and to decrease a self-discharge rate by using a separator made of porous body comprising polyolefin fibers whose surfaces are covered with acetalized polyvinyl alcohol. **CONSTITUTION:** A porous body comprising polyolefin fibers whose surfaces are covered with acetalized polyvinyl alcohol is used as a separator. The polyolefin is preferable to be polyethylene or polypropylene and the porous body to be a nonwoven fabric. The acetalized polyvinyl alcohol covers only the surface of polyolefin fiber and gas permeable porosity is retained and abnormal hydrophilic nature is prevented but it is the more hydrophilic than the original polyolefin. Quick-charging performance and life are increased and a self-discharge rate is decreased.

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